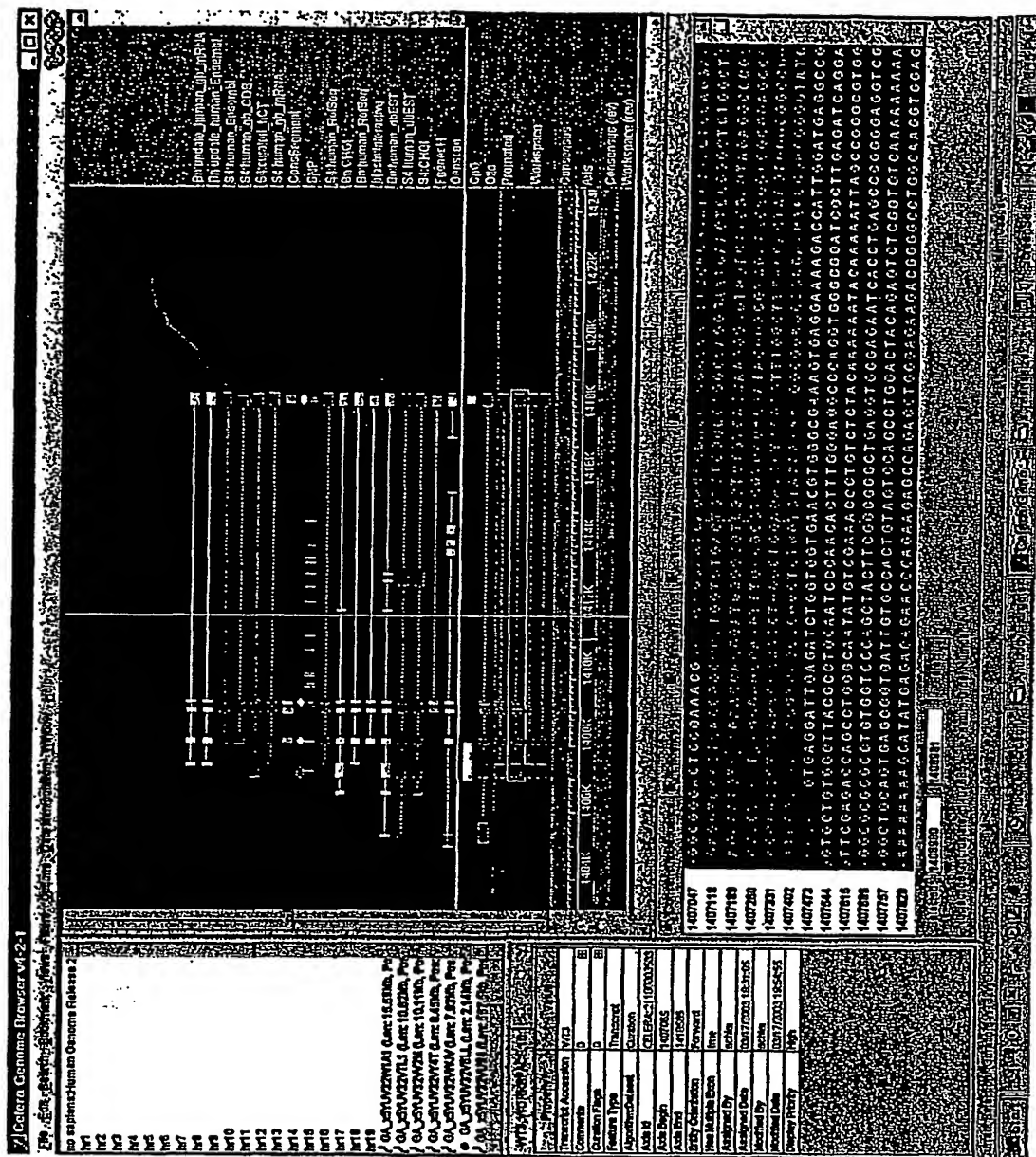


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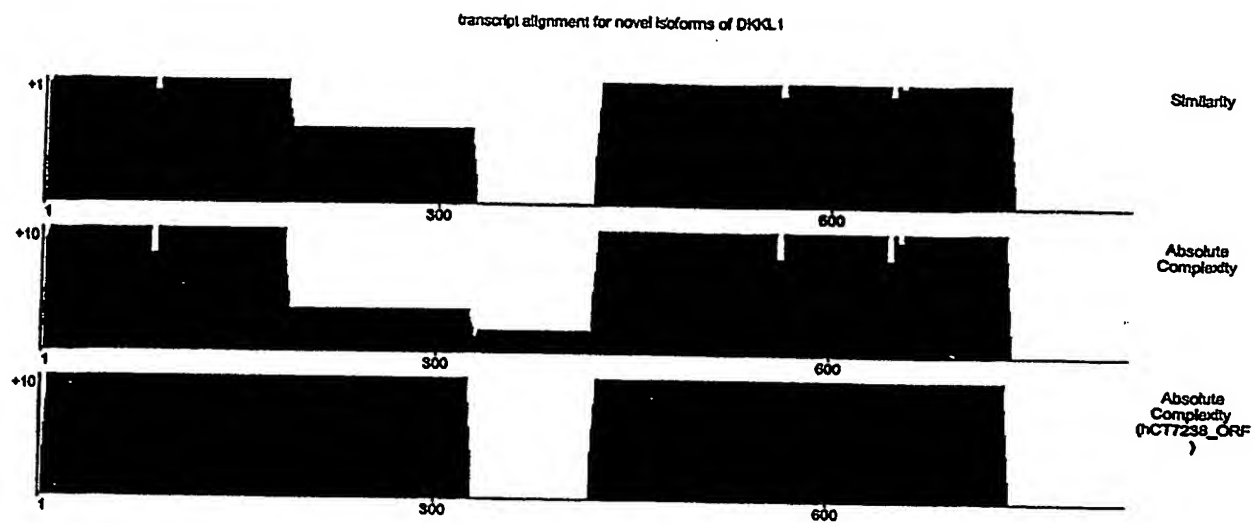
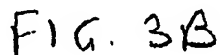


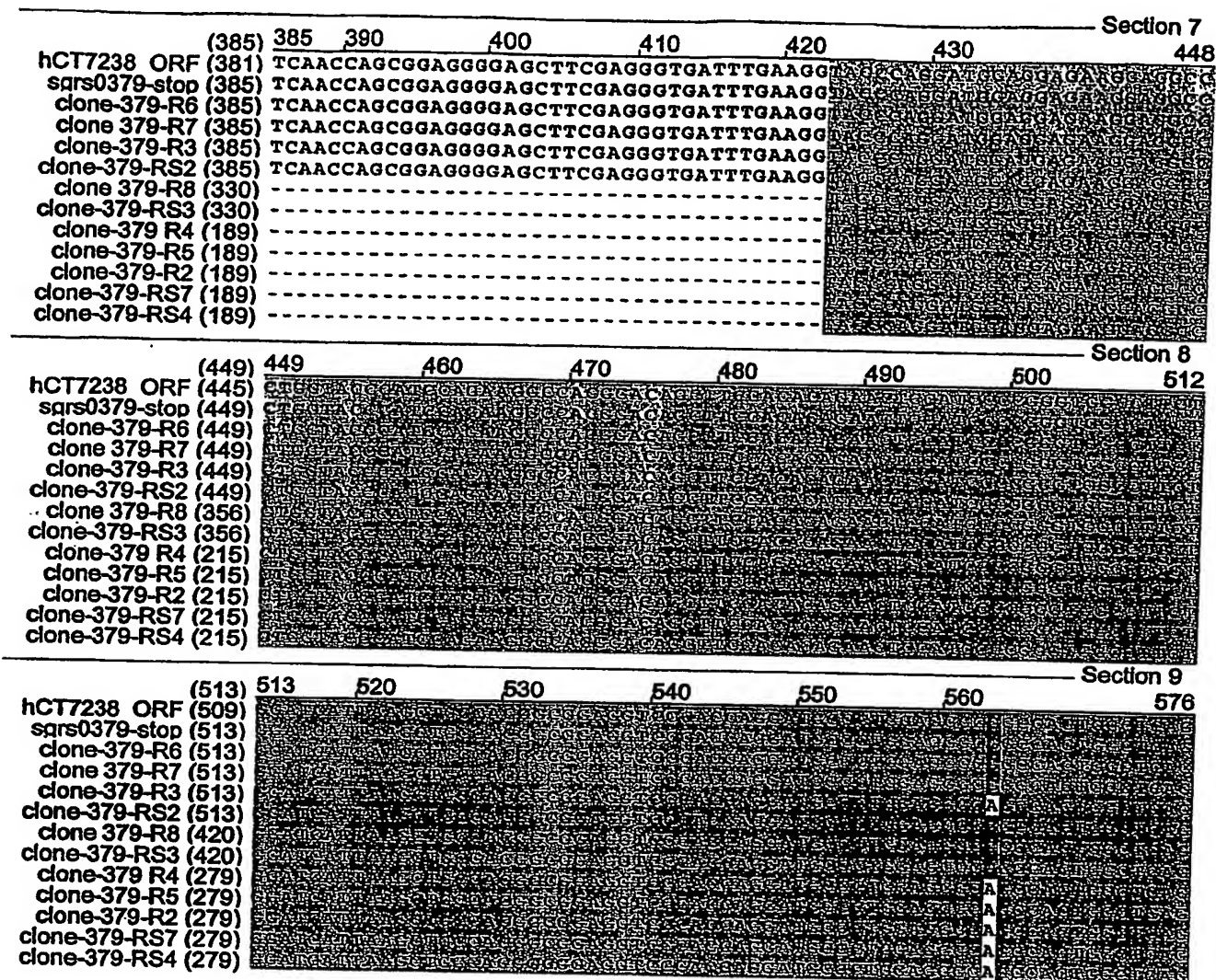
FIG. 2

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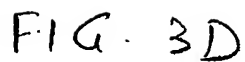
transcript alignment for novel isoforms of DKKL1



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FIG. 3C

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transcript alignment for novel isoforms of DKKL1

	(769)	769	780	790	800	810	823	Section 13
hCT7238 ORF (765)		ATCAGACCCTGCCCCAAGCACCATATGGAAATAAAGTTCTTTCTTACATCTAACA						
sgs0379-stop (734)		-----						
clone-379-R6 (734)		-----						
clone-379-R7 (734)		-----						
clone-379-R3 (734)		-----						
clone-379-RS2 (734)		-----						
clone-379-R8 (641)		-----						
clone-379-RS3 (641)		-----						
clone-379-R4 (500)		-----						
clone-379-R5 (500)		-----						
clone-379-R2 (500)		-----						
clone-379-RS7 (500)		-----						
clone-379-RS4 (500)		-----						

FIG. 3E

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protein alignment for novel isoforms of DKKL1

Section 1

	(1)	1	10	20	30	48
hCP35274.2	(1)	MQGASPPAPRHHITLLPTLSTLVPS	RYAERHDAAGQKQSHNGY			
Translation of DKKL1-pending chris	(1)	MQGASPPAPRHHITLLPTLSTLVPS	RYAERHDAAGQKQSHNGY			
Translation of clone 379-R6	(1)	MQGASPPAPRHHITLLPTLSTLVPS	RYAERHDAAGQKQSHNGY			
Translation of clone 379-R7	(1)	MQGASPPAPRHHITLLPTLSTLVPS	RYAERHDAAGQKQSHNGY			
Translation of clone-379-R3	(1)	MQGASPPAPRHHITLLPTLSTLVPS	RYAERHDAAGQKQSHNGY			
Translation of clone-379-RS2	(1)	MQGASPPAPRHHITLLPTLSTLVPS	RYAERHDAAGQKQSHNGY			
Translation of clone 379-R8	(1)	MQGASPPAPRHHITLLPTLSTLVPS	RYAERHDAAGQKQSHNGY			
Translation of clone-379-RS3	(1)	MQGASPPAPRHHITLLPTLSTLVPS	RYAERHDAAGQKQSHNGY			
Translation of clone-379 R4	(1)	MQGASPPAPRHHITLLPTLSTLVPS	RYAERHDAAGQKQSHNGY			
Translation of clone-379-R5	(1)	MQGASPPAPRHHITLLPTLSTLVPS	RYAERHDAAGQKQSHNGY			
Translation of clone-379-R2	(1)	MQGASPPAPRHHITLLPTLSTLVPS	RYAERHDAAGQKQSHNGY			
Translation of clone-379-RS7	(1)	MQGASPPAPRHHITLLPTLSTLVPS	RYAERHDAAGQKQSHNGY			
Translation of clone-379-RS4	(1)	MQGASPPAPRHHITLLPTLSTLVPS	RYAERHDAAGQKQSHNGY			

Section 2

	(49)	49	60	70	80	96
hCP35274.2	(49)	ANLFRCHDNLSPAWKQWIKRQENHAIQ				
Translation of DKKL1-pending chris	(49)	ANLFRCHDNLSPAWKQWIKRQENHAIQ				
Translation of clone 379-R6	(49)	ANLFRCHDNLSPAWKQWIKRQENHAIQ				
Translation of clone 379-R7	(49)	ANLFRCHDNLSPAWKQWIKRQENHAIQ				
Translation of clone-379-R3	(49)	ANLFRCHDNLSPAWKQWIKRQENHAIQ				
Translation of clone-379-RS2	(49)	ANLFRCHDNLSPAWKQWIKRQENHAIQ				
Translation of clone 379-R8	(49)	ANLFRCHDNLSPAWKQWIKRQENHAIQ				
Translation of clone-379-RS3	(49)	ANLFRCHDNLSPAWKQWIKRQENHAIQ				
Translation of clone-379 R4	(49)	ANLFRCHDNLSPAWKQWIKRQENHAIQ				
Translation of clone-379-R5	(49)	ANLFRCHDNLSPAWKQWIKRQENHAIQ				
Translation of clone-379-R2	(49)	ANLFRCHDNLSPAWKQWIKRQENHAIQ				
Translation of clone-379-RS7	(49)	ANLFRCHDNLSPAWKQWIKRQENHAIQ				
Translation of clone-379-RS4	(49)	ANLFRCHDNLSPAWKQWIKRQENHAIQ				

Section 3

	(97)	97	110	120	130	144
hCP35274.2	(97)	MTDNKTGEVLISENVVASIQPAEGSFEGDLK				
Translation of DKKL1-pending chris	(97)	MTDNKTGEVLISENVVASIQPAEGSFEGDLK				
Translation of clone 379-R6	(97)	MTDNKTGEVLISENVVASIQPAEGSFEGDLK				
Translation of clone 379-R7	(97)	MTDNKTGEVLISENVVASIQPAEGSFEGDLK				
Translation of clone-379-R3	(97)	MTDNKTGEVLISENVVASIQPAEGSFEGDLK				
Translation of clone-379-RS2	(97)	MTDNKTGEVLISENVVASIQPAEGSFEGDLK				
Translation of clone 379-R8	(97)	MTDNKTGEVLISENVVASIQPAEGSFEGDLK				
Translation of clone-379-RS3	(97)	MTDNKTGEVLISENVVASIQPAEGSFEGDLK				
Translation of clone-379 R4	(62)	MTDNKTGEVLISENVVASIQPAEGSFEGDLK				
Translation of clone-379-R5	(62)	MTDNKTGEVLISENVVASIQPAEGSFEGDLK				
Translation of clone-379-R2	(62)	MTDNKTGEVLISENVVASIQPAEGSFEGDLK				
Translation of clone-379-RS7	(62)	MTDNKTGEVLISENVVASIQPAEGSFEGDLK				
Translation of clone-379-RS4	(62)	MTDNKTGEVLISENVVASIQPAEGSFEGDLK				

FIG. 4A

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protein alignment for novel isoforms of DKKL1

Section 4

	(145)	145	150	160	170	180	192
hCP35274.2 (145)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of DKKL1-pending chris (145)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone 379-R6 (145)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone 379-R7 (145)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-R3 (145)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-RS2 (145)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone 379-R8 (114)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-RS3 (114)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379 R4 (67)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-R5 (67)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-R2 (67)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-RS7 (67)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-RS4 (67)		ESALVPTQKATDSPTLQSRVNE					STSE

Section 5

	(193)	193	200	210	220	230	240
hCP35274.2 (193)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of DKKL1-pending chris (193)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone 379-R6 (193)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone 379-R7 (193)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-R3 (193)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-RS2 (193)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone 379-R8 (162)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-RS3 (162)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379 R4 (115)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-R5 (115)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-R2 (115)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-RS7 (115)		ESALVPTQKATDSPTLQSRVNE					STSE
Translation of clone-379-RS4 (115)		ESALVPTQKATDSPTLQSRVNE					STSE

Section 6

	(241)	248
hCP35274.2 (241)		ESALVPTQKATDSPTLQSRVNE
Translation of DKKL1-pending chris (241)		ESALVPTQKATDSPTLQSRVNE
Translation of clone 379-R6 (241)		ESALVPTQKATDSPTLQSRVNE
Translation of clone 379-R7 (241)		ESALVPTQKATDSPTLQSRVNE
Translation of clone-379-R3 (241)		ESALVPTQKATDSPTLQSRVNE
Translation of clone-379-RS2 (241)		ESALVPTQKATDSPTLQSRVNE
Translation of clone 379-R8 (210)		ESALVPTQKATDSPTLQSRVNE
Translation of clone-379-RS3 (210)		ESALVPTQKATDSPTLQSRVNE
Translation of clone-379 R4 (163)		ESALVPTQKATDSPTLQSRVNE
Translation of clone-379-R5 (163)		ESALVPTQKATDSPTLQSRVNE
Translation of clone-379-R2 (163)		ESALVPTQKATDSPTLQSRVNE
Translation of clone-379-RS7 (163)		ESALVPTQKATDSPTLQSRVNE
Translation of clone-379-RS4 (163)		ESALVPTQKATDSPTLQSRVNE

FIG. 4B

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